

IN THE CLAIMS

Kindly replace the present claims by the following set of claims:

1. (Canceled)

2. (Currently Amended) A method of communicating between an electronic device and a computer, the method comprising:

providing said computer with an audible sound receiving and generating sub-system including a microphone and a loudspeaker;

transmitting from the electronic device at least one first acoustic signal, encoded with information, to said computer;

receiving said at least one first acoustic signal by said microphone, to be detected by said computer;

processing said at least one first acoustic signal, by the computer, to extract said encoded information; and

transmitting to said electronic device from the computer, using said loudspeaker, at least a second acoustic signal, encoded with information, in response to said detected at least one first acoustic signal.

3. (Previously Presented) A method according to claim 2, wherein at least one of said at least one first acoustic signal and at least a second acoustic signal comprises an ultrasonic signal.

4-7. (Canceled)

8. (Currently Amended) A method of communicating with ~~an electronic device having a~~ computer, the method comprising:

providing ~~asaid~~ computer having a sound receiving and generating sub-system including a microphone;

transmitting from a source at least one acoustic signal, encoded with information, to said computer;

receiving said at least one acoustic signal by said microphone of the computer; and

forwarding an indication of said encoded information to a remote computer, over an Internet,

wherein said at least one acoustic signal comprises a stand alone signal not overlaid on a human tangible signal.

9. (Original) A method according to claim 8, wherein said indication comprises a sound file.

10. (Original) A method according to claim 8, wherein said indication comprises a data file.

11. (Previously Presented) A method according to claim 8, wherein said acoustic signal comprises an ultrasonic signal.

12. (Previously Presented) A method according to claim 2, wherein said computer comprises a PDA, personal digital assistant.

13. (Previously Presented) A method according to claim 2, wherein said computer comprises a portable computer.

14. (Previously Presented) A method according to claim 2, wherein said computer comprises a desk-top computer.

15-16. (Canceled)

17. (Previously Presented) A method according to claim 2, wherein said processing comprises determining a distance between said microphone and said electronic device.

18. (Previously Presented) A method according to claim 2, wherein said processing comprises determining movement of said microphone relative to said electronic device.

19. (Original) A method according to claim 18 wherein said movement comprises angular movement.

20. (Original) A method according to claim 18, wherein said movement comprises translation.

21. (Previously Presented) A method according to claim 2, wherein said processing comprises determining a spatial position of said microphone relative to said electronic device.

22. (Original) A method according to claim 21, wherein said spatial position is a one-dimensional spatial position.

23. (Original) A method according to claim 21, wherein said spatial position is a two-dimensional spatial position.

24. (Original) A method according to claim 21, wherein said spatial position is a three-dimensional spatial position.

25-26. (Canceled)

27. (Previously Presented) A method according to claim 2, comprising controlling at least one action of a toy, responsive to said received at least one sound.

28-33. (Canceled)

34. (Previously Presented) A method according to claim 2, wherein said electronic device comprises a toy.

35. (Original) A method according to claim 34, wherein said information comprises stored player input.

36. (Previously Presented) A method according to claim 2, wherein said electronic device comprises a smart card.

37. (Previously Presented) A method according to claim 2, wherein said electronic device comprises a wireless communication device.

38. (Previously Presented) A method according to claim 2, wherein said electronic device comprises a computer.

39. (Previously Presented) A method according to claim 2, wherein said electronic device comprises a computer peripheral.

40. (Previously Presented) A method according to claim 2, wherein said encoded information comprises personal information.

41. (Previously Presented) A method according to claim 2, comprising logging into said computer responsive to said at least one first acoustic signal.

42. (Canceled)

43 (Previously Presented) A method according to claim 2, wherein said acoustic signal comprises human audible sound.

44. (Previously Presented) A method according to claim 43, wherein said human audible sound has a main frequency over 10kHz.

45. (Previously Presented) A method according to claim 2, wherein said first acoustic signal has a main frequency which is infra-sonic.

46-49. (Canceled)

50. (Previously Presented) A method according to claim 2, wherein said audible sound subsystem comprises a sound card.

51. (Original) A method according to claim 50, wherein said sound card comprises a SoundBlaster compatible sound card.

52. (Previously Presented) A method according to claim 2, wherein said sound sub-system is designed for audible sound communication with a human operator.

53. (Previously Presented) A method according to claim 3, wherein said ultrasonic signal has a main frequency below 50kHz.

54. (Previously Presented) A method according to claim 3, wherein said ultrasonic signal has a main frequency below 35kHz.

55. (Previously Presented) A method according to claim 3, wherein said ultrasonic signal has a main frequency below 25kHz.

56. (Previously Presented) A method according to claim 3, wherein said ultrasonic signal has a main frequency of about 21kHz.

57. (Previously Presented) A method according to claim 3, wherein said ultrasonic signal has a main frequency of about 20kHz.

58. (Previously Presented) A method according to claim 3, wherein said ultrasonic signal has a main frequency of about 19kHz.

59. (Previously Presented) A method according to claim 3, wherein said ultrasonic signal has a main frequency of below 18kHz.

60-145. (Canceled)

146. (Previously Presented) A method according to claim 2, wherein said electronic device comprises a telephone.

147-148. (Canceled)

149. (Previously Presented) A method according to claim 8, wherein said source comprises a telephone.

150. (Canceled)

151. (Previously Presented) A method according to claim 2, wherein said information comprises e-commerce information.

152-153. (Canceled)

154. (Previously Presented) A method according to claim 8, wherein said information comprises e-commerce information.

155. (Previously Presented) A method according to claim 3, wherein said at least one ultrasonic signal comprises a stand alone signal not overlaid on a human tangible signal.

156. (Previously Presented) A method according to claim 3, wherein the at least one first acoustic signal, is digitally encoded with information.

157. (Previously Presented) A method according to claim 2, comprising responding by the computer to the at least one first acoustic signal, as if the computer received an input from a pointing device or a touch screen.

158. (New) A method according to claim 2, wherein processing the at least one first acoustic signal comprises performing one or more of:

- demodulating the encoded information into bits; and
- error checking using an error detection code.

159. (New) A method according to claim 2, wherein the first and second acoustic signals are encoded according to a digital binary code.

160. (New) A method according to claim 2, wherein the first and second acoustic signals are encoded using one or more of AM, PSK, QPSK, pulse length encoding, frequency modulation, Pulse Width Modulation and On-Off Keying.

161. (New) A method according to claim 2, wherein the first and second acoustic signals include an error detection code.

162. (New) A method according to claim 8, comprising processing by the computer the received at least one acoustic signal, before forwarding the indication, the processing including one or more of:

- demodulating the encoded information into bits; and
- error checking using an error detection code.

163. (New) A method according to claim 2, wherein transmitting the at least one first acoustic signal comprises transmitting at least one first acoustic signal encoded with information on a carrier thereof.